



PATENT APPLICATION  
ATTORNEY DOCKET NO. 79263

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): **Martemyanov et al.**

Appln No.: **10/672,195**

Filed: **September 26, 2003**

For: **REAL-TIME VIDEO**  
*coding /* **DECODING**

Group Art  
Unit: **Not Yet Assigned**

Examiner: **Not Yet Assigned**

**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1455, on this date.

12/30/03 *Kenneth H. Samples*  
Date  
Kenneth H. Samples  
Registration No. 25,747  
Attorney for Applicant(s)

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is an Information Disclosure Statement being submitted in accordance with 37 C.F.R. §§1.97 - 1.98 in connection with the above-identified application. Enclosed herewith is PTO/SB/O8A Substitute for Form PTO-1449 and copies of the references cited therein.

U.S. PATENT DOCUMENTS		
Document Number Number-Kind Code <sup>2</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
US-5,778,190 A	07/07/1998	Rohit Agarwal
US-5,812,788 A	09/22/1998	Rohit Agarwal
US-6,091,777	07/18/2000	Guetz et al.
US-6,233,278 B1	05/15/2001	Charles B. Dieterich
US-6,263,020 B1	07/17/2001	Gardos et al.
US-6,317,520 B1	11/13/2001	Passaggio et al.
US-6,438,168 B2	08/20/2002	Ram Arye
US-6,445,828 B1	09/03/2002	Changhoon Yim
US-6,483,505 B1	11/19/2002	Morein et al.
US-2002/0061138 A1	05/23/2002	Uenoyama et al.

NON PATENT LITERATURE DOCUMENTS
Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
M. SCHINDLER, A Fast Renormalisation for Arithmetic Coding, Proc. Data Compression Conference, March 30-April 1, 1998, page 572, Snowbird, Utah, U.S.A.
G. N. N. MARTIN, Range encoding: an algorithm for removing redundancy from a digitized message, IBM UK Scientific Center (paper presented in March 1979 to the Video & Data Recording Conference held in Southampton July 24-27).
JOHN WATKINSON, The Engineer's Guide to Compression, 1996, pages 62-72, Snell & Wilcox Ltd., Sunnyvale, California, U.S.A.

### REMARKS

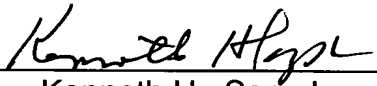
Pursuant to 37 CFR §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b).

It is respectfully requested that the Examiner consider the above materials and make them of record in the above-captioned application.

The Commissioner is hereby authorized to charge any fees which may be required in this application under 37 C.F.R. §§1.16-1.17 to Deposit Account No. 06-1135.

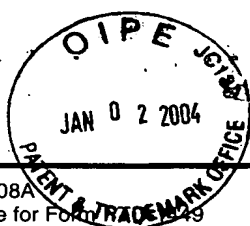
Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

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Kenneth H. Samples  
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Dated: 12/30/03

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PTO/SB/08A Substitute for Form 1449		Application Number		10/672,195	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Filing Date		9/26/03	
		First Named Inventor		Martemyanov t al.	
		Art Unit		N t Y t Assigned	
		Examiner Name		Not Yet Assigned	
Sheet	1	of	2	Attorney Docket	79263

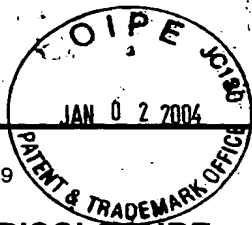
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
		US-5,778,190 A	07/07/1998	Rohit Agarwal	
		US-5,812,788 A	09/22/1998	Rohit Agarwal	
		US-6,091,777	07/18/2000	Guetz et al.	
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		US-2002/0061138 A1	05/23/2002	Uenoyama et al.	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B Substitute for Form PTO-1449		Application Number		10/672,195	
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		First Named Inventor		Mart myan v t al.	
		Art Unit		Not Yet Assigned	
		Examiner Name		Not Yet Assigned	
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NON PATENT LITERATURE DOCUMENTS			
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		M. SCHINDLER, A Fast Renormalisation for Arithmetic Coding, Proc. Data Compression Conference, March 30-April 1, 1998, page 572, Snowbird, Utah, U.S.A.	
		G. N. N. MARTIN, Range encoding: an algorithm for removing redundancy from a digitized message, IBM UK Scientific Center (paper presented in March 1979 to the Video & Data Recording Conference held in Southampton July 24-27).	
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